## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---|---|---------------------|---------|---------------------|
| S4    | 504  | 381/2.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/09/27<br>13:01 |
| 35    | 106  | ("2001005539"   "2002001244"   "20020014388"   "20020048385"   "20020048385"   "20020054888"   "20020054888"   "2002009013"   "20020181807"   "20020181807"   "20030018200"   "20030018200"   "200300182104"   "200300182104"   "200300182104"   "200300182104"   "20030182104"   "20030182104"   "20040020339   "20040204168"   "3974335"   "4128738"   "4823908"   "4955729"   "58241758"   "5557578"   "5582417"   "5572575"   "5648824"   "5793875"   "582750"   "558373"   "5828768"   "5828768"   "5828768"   "5828768"   "698815"   6088541"   "611855"   "661398"   "6453045"   "6633512"   "6453045"   "6633512"   "6633512"   "6633512"   "6633512"   "6633512"   "6633612"   "663373"   "6643045"   "6650755"   "663377"   "6650755"   "6635611"   "6650755"   "6650755"   "6650755"   "6650755" | US-PGPUB:<br>USPAT; EPO;<br>JPO;<br>DEFWENT;<br>IBM_TDB | OR .                | OFF     | 2007/09/18 18:52    |

| \$6 | 100 | ("5193208" "5581560" "588699" "5982363" "6036086" "6332133" "7072686" "20020120635" "20070171201" "6070088" "20070171201" "6070088" "450599" "451836" "4591836" "4591836" "552786" "565276" "5627878" "565276" "5627878" "565276" "6072052" "615616" "615616" "615616" "612668" "6138027" "622900" "6236867" "6243725" "20050332207" "20050332207" "20050332207" "20050332207" "20050332207" "20050332207" "4962545" "5959588" "5595384" "55959588" "589185" "589185" "589185" "589185" "589185" "5892883" "5519764" "5590128" "5592833" "5519764" "5590128" "5592583" "5519764" ). | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DEFWENT;<br>IBM_TDB | OR | OFF | 2007/09/18          |
|-----|-----|---|---|----|-----|---------------------|
| S7  | 6   | ((S5 or S6) and ((wireless or wire ad) less or rf or ir or irda or cableless or cable adj free or cordless or "not" ad wired or untethered or infrared or microwave or radar or radio adj waves or remote adj control or IRAP or IRAP or IRAP or IRAP or IRAP or IRAP or infrared or infra adj red or heat or radiant adj energy or low\$3 adj frequenc\$3 or long\$3 adj (wavelength or wave adj length) or rfid) same (receiv\$3 or reception) same control \$5) and (user same information same output)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/18<br>18:53 |

| S9  | 1597 | "381".clas. and<br>computer and (wireless<br>headphones)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2007/09/20<br>14:28 |
|-----|------|--|--|----|-----|---------------------|
| S10 | 19   | "381".clas. and<br>computer and (wireless<br>adj headphones)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2007/09/20<br>14:28 |
| Si1 | 100  | ("5193208" "5581560" "5886997" "5982363" "6036086" "6332133" "7072686" "20070171201" "6070088" "20070171201" "3808538" "4591836" "5521803" "5521803" "5521803" "5521878" "5552766" "5890414" "5815126" "6014090" "6046712" "6052052" "6136616" "613666" "613666" "613666" "613666" "6126668" "200201696885" "20050268667" "20050268667" "20050268667" "20050252457" "20070174467" "20070204224" "4864115" "4868410" "4962545" "5898800" "4540643" "559128" "5592583" "55597642" ). on. | US-PAT-UB;<br>USPAT; EPC;<br>JPC;<br>DEFWENT;<br>IBM_TDB | OR | OFF | 2007/09/24          |

| 312 | 106                                     | ("20010055397"             | US-PGPUB;<br>USPAT; EPO;   | OR          | OFF | 2007/09/24<br>12:12   |
|-----|---|----------------------------|--|-------------|-----|---|
|     |   | "20020012441"              |  |             |     | 12:12   |
|     |   | "20020048382"              | JPO;   |             |     |   |
|     |   | "20020048385"              | DERWENT;   |             |     |   |
|     |   | "20020054689"              | IBM_TDB  |             |     |   |
|     |   | "20020090099"              |  |             |     |   |
|     |   | "20020090103"              |  |             |     |   |
|     |   | "20020183648"              |  |             |     |   |
|     |   | "20020191807"              |  |             |     |   |
|     |   | "20030035552"              |  |             |     | ***   |
|     |   | "20030091200"              |  |             |     |   |
|     |   | "20030092377"              |  |             |     |   |
|     |   | "20030118198"              |  |             |     |   |
|     |   | "20030182104"              |  |             |     | ***   |
|     |   | "20040202339"              |  |             |     |   |
|     |   | "20040204168"              |  |             |     |   |
|     |   | "3974335"   "4128738"      |  |             |     |   |
|     |   | "4622440"                  |  | 1000        |     | ***   |
|     | *                                       | "4823908"   "4955729"      |  |             |     |   |
|     |   | "5313663"                  |  |             |     | •   |
|     | -                                       | "5321758"   "5357578"      | and the same of th |             |     |   |
|     |   | "5526411"                  | -  | ***         |     | ***   |
|     |   | "5572575"   "5648824"      |  |             |     |   |
|     |   | "5793875"                  |  |             |     |   |
|     |   | "5802190"   "5819183"      |  |             |     |   |
|     |   | "5828768"                  |  |             |     |   |
|     |   | "5835732"   "5943430"      |  |             |     |   |
|     |   | "6011855"                  |  |             |     |   |
|     |   | "6058315"   "6086541"      |  |             |     |   |
|     |   | "6151398"                  |  |             |     |   |
|     |   | "6169813"   "6243472"      |  |             |     |   |
|     |   | "6275596"                  | 4  |             |     |   |
|     |   | "6322521"   "6363139"      | A CONTRACTOR OF THE CONTRACTOR |             |     |   |
|     |   | "6445804"                  |  | 100         |     |   |
|     |   | "6453045"   "6477258"      | A STATE OF THE STA |             |     |   |
|     |   | "6496205"                  |  | 1           |     |   |
|     |   | "6535612"   "6584205"      |  |             |     |   |
|     |   | "6631196"                  |  |             |     |   |
|     |   | "6643377"   "6650755"      |  |             |     |   |
|     |   | "6895261"                  |  |             |     |   |
|     |   | "7013009").PN.             | ***************************************  | Service Co. |     | Same and the same |
| 313 | 2                                       | "20040208325".pn.          | US-PGPUB;  | OR          | OFF | 2007/09/27  |
|     |   |                            | USPAT; EPO;  |             |     | 10:36   |
|     |   |                            | JPO;   |             |     |   |
|     |   |                            | DERWENT;   |             |     | ***   |
|     | *************************************** |                            | IBM_TDB  |             |     |   |
| 314 | 1281                                    | (environment\$2 locat\$3   | US-PGPUB;  | OR          | OFF | 2007/09/24  |
|     | 1                                       | room place) with (noise    | USPAT; EPO;  | 1           | 10  | 14:26   |
|     |   | adj (filter\$4 cancel\$6)) | JPO;   |             |     |   |
|     |   | , (                        | DERWENT;   |             |     |   |
|     |   |                            | IBM TDB  |             |     | ***   |
|     | 5                                       | 1                          | f  | 1           | 1   | 3   |

| S17         | 29    | S14 and (wireless with<br>(headphone\$3 headset<br>\$3 earphone\$3))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/24<br>14:27 |
|-------------|-------|--|---|----|-----|---------------------|
| S21         | 3530  | (environment\$2 locat\$3<br>room place position\$4<br>area surroundings<br>space) with (noise adj<br>(filter\$4 cancel\$6 adjust<br>\$6 eliminat\$5 separat<br>\$5))                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/24<br>15:33 |
| S22         | 121   | (\$21 and (wireless with<br>(headphone\$3 headset<br>\$3 earphone\$3<br>walkman receiv\$4)))<br>NOT S17  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/24<br>15:37 |
| S23         | 2     | "20020149705".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/25<br>14:40 |
| <b>S</b> 26 | 37800 | "381".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/27<br>13:01 |
| S27         | 504   | 381/2.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/27<br>13:05 |
| <b>S2</b> 9 | 0     | \$27 and (direction\$3<br>adj (speaker or<br>headphone)) and<br>((wireless) same<br>(transmit\$5 or receiv<br>\$5))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/27<br>14:55 |
| S30         | 8     | \$27 and (direction\$3<br>same (speaker or<br>headphone)) and<br>((wireless) same<br>(transmit\$5 or receiv<br>\$5))   | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/27<br>14:54 |
| S31         | 90    | ((wireless or radio)with<br>(transmit\$5 or receiv<br>\$5)) and (directional adj<br>(speaker or<br>headphone)) and<br>(((personal or<br>individual) with (device<br>or audio)) or walkman) | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/27<br>15:00 |

| S32         | 47  | ((wireless or radio)with<br>(transmit\$5 or receiv<br>\$5)) and ((directional<br>adj (speaker or<br>headphone))same receiv<br>\$5) and (((personal or<br>individual) with (device<br>or audio)) or walkman)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB     | OR | ON | 2007/09/27<br>15:01 |
|-------------|-----|--|---|----|----|---------------------|
| S33         |     | ((wireless or radio)with (transmit\$5 or receiv \$5)) and ((directional adi (speaker or headphone))same receiv \$5) and (((personal or individual) with (device or audio)) or walkman) and (receiv\$5 with (control or controlles or controlles or controlles or controlles or controlles 3 or (control or govern\$3 or regulat \$3))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>JPO;<br>JPO;<br>IBM_TDB | OR | ON | 2007/09/27 15:08    |
| \$35        | 38  | S33 and (audio same output)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB     | OR | ON | 2007/09/27<br>15:30 |
| S36         | 3   | S33 and (audio same<br>output) not (control adj<br>signal)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB     | OR | ON | 2007/09/27<br>15:09 |
| <b>S3</b> 9 | 13  | (directional adj<br>speaker) same<br>(interference)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB     | OR | ON | 2007/09/27<br>15:34 |
| S40         | 111 | Cheung.in. and<br>(directional adj<br>speaker)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB     | OR | ON | 2007/09/28<br>14:35 |
| S41         | 443 | (directional adj<br>speaker)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB     | OR | ON | 2007/09/27<br>15:55 |
| S42         | 100 | (directional adj<br>speaker) same<br>(ultrasonic or (ultra adj<br>sound) or ultrasound or<br>hypersonic or (hyper<br>adj sonic))   | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB     | OR | ON | 2007/09/27<br>17:45 |

| S43         | 2     | "20010038698".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>18:13 |
|-------------|-------|--|---|----|----|---------------------|
| S44         | 5356  | cheung.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>10:07 |
| S45         | 3     | Cheung.in. and<br>(speaker) and audio<br>and ipventure.as. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>14:36 |
| S46         | 3     | Cheung.in. and audio<br>and ipventure.as.                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>14:37 |
| S47         | 312   | Cheung.in. and audio                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>14:37 |
| S48         | 0     | Cheung-kwok.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>14:38 |
| <b>S</b> 49 | 28    | Cheung-kwok-wai.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>14:38 |
| S50         | 3     | (flash adj drive) and<br>usb and (black adj box)           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>18:15 |
| S52         | 1186  | S51 and usb  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>18:16 |
| S53         | 10688 | black adj box  | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/28<br>18:17 |

| S54         | 125 | ((black adj box) with<br>storage) same<br>information   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/28<br>18:18 |
|-------------|-----|---|---|-----|-----|---------------------|
| S55         | 5   | ((black adj box) with<br>storage with crash)<br>same information  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/28<br>18:19 |
| S56         | 8   | ((black adj box) with<br>storage with (crash or<br>accident)) same<br>information                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/28<br>18:20 |
| S57         | 1   | (((black adj box) with<br>(removeable or<br>portable)) with (crash<br>or accident)) same<br>information | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/28<br>18:21 |
| S58         | 11  | (((storage) with<br>(removeable or<br>portable)) with (crash<br>or accident)) same<br>information       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2007/09/28<br>18:23 |
| S59         | 566 | portable data storage<br>device   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/09/28<br>18:30 |
| S60         | 0   | (S59 same (crash or<br>accident or collision))<br>and (car or automobile<br>or vehicle)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/09/28<br>18:25 |
| <b>S</b> 61 | 12  | (S59 and (crash or<br>accident or collision))<br>and (car or automobile<br>or vehicle)                  | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/09/28<br>18:26 |
| S62         | 36  | (portable data storage<br>(device or medium or<br>unit)) same (car or<br>automobile or vehicle)         | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/09/28<br>18:31 |
| S63         | 8   | ("20020149705"<br>"20010038698"<br>"20020005777"<br>"20020141599").pn.                                  | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/10/02<br>15:25 |

| S64         | 2   | "7013009".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>16:19 |
|-------------|-----|---|---|----|----|---------------------|
| S65         | 2   | "20020197961".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>18:02 |
| S66         | 4   | "381".clas. and ((hearing adj characteristic) with (conrol controller)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>19:22 |
| S67         | 325 | (mp3 adj player) with (bluetooth)                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>19:53 |
| S68         | 5   | (((mp3 adj player) with<br>(bluetooth)) same (car<br>near4 stereo))     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>19:54 |
| <b>S</b> 69 |     | "20010038698".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>20:30 |
| S70         | 0   | S69 and (ultrasonic<br>hypersonic) near<br>(directional speaker)        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>20:30 |
| S71         | 1   | S69 and ((ultrasonic<br>hypersonic) with<br>(directional speaker))      | US-PQPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>20:30 |
| S72         | 1   | S69 and ((ultrasonic<br>hypersonic) same<br>(directional speaker))      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/02<br>20:31 |
| S73         | 37  | ultrasonic same wireless<br>same portable same<br>personal              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/05<br>16:29 |

| S74         | 269 | ((wireless or radio)with<br>(transmit\$5 or receiv<br>\$5) and ((directional<br>ultrasonic hypersonic)<br>near5 (speaker or<br>headphone)) and<br>(((personal or<br>individual) with (device<br>or audio)) or walkman)     | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DEFWENT;<br>IBM_TDB | OR | ON  | 2008/05/05<br>17:04 |
|-------------|-----|--|---|----|-----|---------------------|
| S75         | 55  | "381".das. and (((wireless or radio)with (transmit\$5 or receiv \$5)) and ((directional ultrasonic hypersonic) near5 (speaker or headphone)) and (((personal or individual) with (device or audio)) or walkman))           | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DEFWENT;<br>IBM_TDB | OR | ON  | 2008/05/05<br>17:05 |
| S76         | 3   | "381".das. and (((wireless or radio)with (transmit\$5 or receiv \$5) and ((directional ultrasonic hypersonic) near5 (speaker or headphone)) same (((personal or individual) with (device or audio)) or walkman))           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/05<br>17:05 |
| S77         | 17  | (((wireless or radio)with<br>(transmit\$5 or receiv<br>\$5)) and ((directional<br>ultrasonic hypersonic)<br>near5 (speaker or<br>headphone)) same<br>(((personal or<br>individual) with (device<br>or audio)) or walkman)) | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/05<br>17:05 |
| <b>S</b> 79 | 5   | ("6363139" "6169813"<br>"6445804" "6643377"<br>"4823908").pn.  | USPAT   | OR | ON  | 2008/05/05<br>17:25 |
| S80         | 91  | hearing adj profile  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/06<br>19:23 |

| 581 | 107 | ("20010055397"   "20020012441"   "20020014841"   "200200148382"   "20020048385"   "20020054689"   "20020054689"   "2002009103"   "2002009103"   "20020183448"   "20020183448"   "2002018307"   "20030035552"   "20030092377"   "20030092377"   "20030092377"   "200300182104"   "20040202339"   "20040202339"   "20040202339"   "4823908"   "4955729"   "5513663"   "4823908"   "4955729"   "55221758"   "5537578"   "5522411"   "4823908"   "4955729"   "5513663"   "5522757"   "5648824"   "5793875"   "552241"   "67527596"   "6189815"   "608541"   "615398"   "6189815"   "6243472"   "6275596"   "6325251"   "6363139"   "6445804"   "6475586"   "632551"   "66677558"   "6584190"   \$684109"   "6433045"   6477258"   "64896205"   "6585612"   6684205"   "66843377"   "6650755" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                        | OFF                                     | 2008/05/07                              |
|-----|-----|--|---|---------------------------|---|---|
|     |     | "6643377"   "6650755"<br>  "6895261"  <br>"7013009").FN.   |   | Constitution Constitution | *************************************** | *************************************** |
| S82 |     | ("20010055397"   "20020012441"   "20020018482"   "20020048382"   "20020054689"   "20020054689"   "20020090103"   "20020181648"   "20020191807"   "20020195252"   "20030035552"   "20030092377"   "200300182104"  | US-PGPUB;<br>USPAT                                      | OR                        | OFF                                     | 2008/05/07                              |

| S83<br>S84  | 7 7 2 | "4823908"   "4955729"   "5321663"   "5321758"   "5357578"   "5526411"   "5572575"   "5648824"   "5793875"   "58819183"   "5802190"   "5819183"   "58025768"   "58943430"   "6058315"   "6086541"   "61151398"   "6169813"   "6243472"   "6275596"   "6322521"   "6363139"   "6445804"   "6477258"   "6322521"   "6363139"   "6445804"   "6477258"   "68453045"   "6477258"   "6843377"   "6650755"   "6895261"   "6664255"   "6643377"   "6650755"   "6895261"   "7013009").FN. (US-20020005777-\$ or US-20020141599-\$ or US-20020141590-\$ or US-2002014900-\$ or US-2002014900-\$ or US-2002014900-\$ or US-2002014900-\$ or US-2002014900-\$ or US-200 | US-PGPUB;<br>USPAT                                      | OR OR | ON                                      | 2008/05/07<br>17:33<br>2008/05/07<br>17:33 |
|-------------|-------|---|---|-------|---|--|
|             |       |   | JPO;<br>DERWENT;<br>IBM_TDB                             |       | *************************************** | 17.33                                      |
| <b>S</b> 85 | 5     | S83 not S82   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON                                      | 2008/05/07<br>17:33                        |

| 386 | 67    | ("20010038698"                   | US-PGPUB;                               | OR                                      | ON  | 2008/05/07 |
|-----|-------|----------------------------------|---|---|-----|------------|
|     | 1     | "20010055397"                    | USPAT                                   |   |     | 17:51      |
|     |       | "20020005777"                    |   |   |     |            |
|     |       | "20020008718"                    |   |   | į   |            |
|     |       | "20020012441"                    |   |   |     |            |
|     | į     | "20020048382"                    |   |   |     |            |
|     |       | "20020048385"                    |   |   |     |            |
|     |       | "20020054689"                    |   |   |     |            |
|     |       | "20020090099"                    |   |   |     |            |
|     | -     | "20020090103"                    |   |   | į   |            |
|     |       | "20020141599"                    |   |   |     | ***        |
|     |       | "20020149705"                    |   |   | i   |            |
|     |       | "20020183648"                    |   |   |     |            |
|     |       | "20020191807"                    |   |   |     |            |
|     |       | "20030035552"                    |   |   | į   |            |
|     |       | "20030091200" I                  |   |   |     |            |
|     |       | "20030092377"                    |   |   | i   |            |
|     |       | "20030092377"                    |   |   |     |            |
|     |       | "20030110190"  <br>"20030182104" |   | 1                                       |     |            |
|     |       | "20040202339"                    |   | 1                                       | i   | ******     |
|     |       | "20040204168" I                  |   |   |     |            |
|     |       | "3942139"   "3974335"            |   | -                                       | i   |            |
|     |       | "4128738"                        |   |   |     |            |
|     |       | "4622440"   "4823908"            | 1                                       |   |     |            |
|     |       | "4955729"                        |   |   |     |            |
|     |       | "5313663"   "5321758"            | -                                       |   | ĺ   |            |
|     |       | "5357578"                        |   |   |     |            |
|     |       | "5495534"   "5526411"            | •                                       | *************************************** |     |            |
|     |       | "5572575"                        |   |   |     |            |
|     |       | "5588041"   "5648824"            | -                                       | -                                       |     |            |
|     |       | "5764595"                        |   |   | i i |            |
|     |       | "5764782"   "5777665"            | -                                       | -                                       |     |            |
|     |       | "5793875"                        |   | -                                       |     |            |
|     | 1     | "5802190"   "5819183"            |   |   |     |            |
|     |       | "5828768"                        | -                                       |   |     |            |
|     |       | "5835732"   "5943430"            |   |   |     |            |
|     |       | "6011855"                        |   |   | ŧ   |            |
|     |       | "6058315"   "6086541"            |   |   |     |            |
|     | ****  | "6151398"                        |   | 1                                       |     |            |
|     |       | "6169813"   "6243472"            |   | 100                                     | i i | ***        |
|     | ***   | "6275596"                        |   |   |     |            |
|     |       | "6279946"   "6322521"            |   |   |     | ***        |
|     |       | "6363139"                        |   |   |     |            |
|     |       | "6445804"   "6453045"            |   |   |     | ***        |
|     | ****  | "6477258"                        |   |   |     | *          |
|     |       | "6496205"   "6535612"            | ***                                     |   |     | ***        |
|     | ***** | "6556687"                        |   |   |     |            |
|     |       | "6584205"   "6594367"            |   |   |     | ***        |
|     | ****  | "6631196"                        |   |   |     |            |
|     |       | "6643377"   "6650755"            |   |   |     |            |
|     |       | "6895261"                        |   |   |     | ***        |
|     |       | "7013009").PN.                   | *************************************** |   |     |            |
|     | \$    | ,                                | 1                                       | \$                                      | 1   | 3          |

| S87 | 1   | S83 not S86  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/07<br>17:51 |
|-----|-----|--|---|----|-----|---------------------|
| S88 | 673 | 381/61.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/07<br>18:08 |
| S89 | 108 | ((wireless or radio)with<br>(transmit\$5 or receiv<br>\$5)) and (directional adj<br>(speaker or<br>headphone)) and<br>(((personal or<br>individual) with (device<br>or audio)) or walkman)   | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/07<br>18:09 |
| S90 | 0   | S89 not S89  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/07<br>18:09 |
| S91 | 0   | S89 not S89  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/07<br>18:10 |
| S92 | 90  | (US-20010038412-\$ or US-20020008718-\$ or US-20020008718-\$ or US-20020012441-\$ or US-2002005811-\$ or US-2002005811-\$ or US-2002005811-\$ or US-20020058159-\$ or US-200401195566-\$ or US-20040119506-\$ or US-20040155015-\$ or US-20040155015-\$ or US-20040155015-\$ or US-20040208325-\$ or US-20040208325-\$ or US-20040208325-\$ or US-20040208325-\$ or US-20040208325-\$ or US-2005007488-\$ or US-2005007488-\$ or US-2005001760270-\$ or US-20050160270-\$ or US-200501160270-\$ or US-20050017579-\$ or US-200 | US-PGPUB;<br>USPAT                                      | OR | ON  | 2008/05/07<br>18:10 |

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| did. or (US-            |
| 20060017560-\$ or US-   |
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| 20060106522-\$ or US-   |
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| 20060212832-\$ or US-   |
| 20060208169-\$ or US-   |
| 20060242580-\$ or US-   |
| 20060250260-\$ or US-   |
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| 20060267755-\$ or US-   |
| 20060277495-\$ or US-   |
| 20060279419-\$ or US-   |
| 20060279418-\$ or US-   |
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| US-20070096927-\$ or    |
| US-20070112476-\$ or    |
| US-20070116316-\$ or    |
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| US-20070129004-\$ or    |
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| US-20070142944-\$ or    |
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| did. or (US-5819183-\$  |
| or US-5870484-\$ or US- |
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|-----|---|--|---|----|-----|---------------------|
| S93 | 18                                      | S89 not S92  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/05/07<br>18:10 |
| S94 | 654                                     | 381/77.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/07<br>18:14 |
| S95 | 192                                     | 381/79.∝ls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/07<br>18:14 |

<sup>5/8/2008 9:46:04</sup> AM

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